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4 MR. JEFFERSON: My name is Bob Jefferson.

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5 I'm a consultant appearing for NEI today. I spent 28
6 years at Sandia National Laboratory and was working on
7 the safety of transportation before Bob Halstead had
8 heard the word.

9 In the mid '70s I was involved in a number
10 of experiments. By the time I left Sandia in 1985, we
11 had conducted some 1,500 experiments in the
12 transportation, based simply on the fact it was
13 recognized these materials are dangerous and needed
14 to be adequately protected.

1... 15 I think it's interesting: [Bob describes
16 the effect of standing beside an exposed fuel element,
17 implying that might be the way we transport them. But
18 in fact, they are transported in heavily shielded
19 containers, being the NRC requirements for external
20 exposure and all those things. The Department of
21 Energy has been incredibly vigilant in assuring the
22 transportation activities would be conducted in a
23 manner that protect the public and those people working
24 with the materials.]

25 We've also, in addition to those 1,500 or

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1 so experiments, conducted a number of analytical works
2 that were done while I was at Sandia and since that
3 time that look at just exactly what is the exposure to
4 the public. There's a lot of talk, You haven't looked
5 at this specific route. You can take these data that
6 have been produced and apply them to almost any route
7 by changing various factors involved, running the code
8 again, and no matter how you do it it comes out this is
9 a very safe operation.

10 It's been said we'll transport something
11 on the order of 300 to 500 shipments a year or more
12 depending on which scenario you pick. This is in
13 comparison to something on the order of a total of a
14 million shipments of all kinds of goods every day in
15 this country, and the total of about a million
16 shipments a year of radioactive materials alone in this
17 country.

18 For instance, if you live near a hospital,
19 you might be well advised there's a radioactive
20 shipment in and out of that hospital that's two
21 shipments twice a week, every week.

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22 There are all sorts of radioactive
23 shipments that are occurring in our society. It's been
24 pointed out earlier we've been doing this now for
25 50 years. It's the only component of the whole

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1 repository system that we have been doing. We're not
2 having to invent something new here. We have the basis
3 of experience and a very well documented set of
4 experiments and analyses that will indicate the
5 transportation is in fact one of the more safe
6 components of the whole system.

7 I think that it's easy to theorize all
8 kinds of extremes, but the fact of the matter is that
9 we're doing something now that we've been doing for
10 some time and not only in this country but throughout
11 the world, and the worldwide regulations are the same
12 as they are here in this country.

13 So the experience we have in this country
14 can draw on the experience in the rest of the world,
15 and in that entire experience, there has never been an
16 accident severe enough to threaten one of these casks.
17 I thank you for the time.

18 MR. BROWN: Thank you. I know there are
19 differing opinions here in the room, so I will ask
20 folks to restrict their comments to EIS and not make
21 any personal comments, although anybody who has worked
22 in this field for some time is pretty resilient.

23 The next speaker is Wallace Mays.